

Appl. No. : 10/063,549
Filed : May 2, 2002

AMENDMENTS TO THE CLAIMS

- 1-5. (Canceled).
6. (Currently Amended) An isolated polypeptide comprising:
 - (a) the amino acid sequence of the polypeptide of SEQ ID NO:46;
 - (b) the amino acid sequence of the polypeptide of SEQ ID NO:46, lacking its associated signal peptide;
 - (c) the amino acid sequence of ~~the extracellular domain of the polypeptide amino acids 23-223~~ of SEQ ID NO:46;
 - (d) the amino acid sequence of ~~the extracellular domain of the polypeptide amino acids 23-223~~ of SEQ ID NO:46, including its associated signal peptide; or
 - (e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209956; ~~and wherein said extracellular domain is amino acids 23-223 of SEQ ID NO:46.~~
7. (Previously Presented) The isolated polypeptide of Claim 6 comprising the amino acid sequence of the polypeptide of SEQ ID NO:46.
8. (Previously Presented) The isolated polypeptide of Claim 6 comprising the amino acid sequence of the polypeptide of SEQ ID NO:46, lacking its associated signal peptide.
9. (Currently Amended) The isolated polypeptide of Claim 6 comprising the amino acid sequence of ~~the extracellular domain of the polypeptide amino acids 23-223~~ of SEQ ID NO:46;
~~wherein said extracellular domain is amino acids 23-223 of SEQ ID NO:46.~~
10. (Currently Amended) The isolated polypeptide of Claim 6 comprising the amino acid sequence of ~~the extracellular domain of the polypeptide amino acids 23-223~~ of SEQ ID NO:46, including its associated signal peptide;
~~wherein said extracellular domain is amino acids 23-223 of SEQ ID NO:46.~~
11. (Original) The isolated polypeptide of Claim 6 comprising the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209956.
12. (Currently Amended) A chimeric polypeptide comprising a polypeptide according to ~~Claim 4~~ Claim 6 fused to a heterologous polypeptide.

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13. (Previously Presented) The chimeric polypeptide of Claim 12, wherein said heterologous polypeptide is a tag polypeptide or an Fc region of an immunoglobulin.

14. (Currently Amended) An isolated polypeptide having at least 95% amino acid sequence identity to:

(a) the amino acid sequence of the polypeptide of SEQ ID NO:46;

(b) the amino acid sequence of the polypeptide of SEQ ID NO:46, lacking its associated signal peptide;

(c) the amino acid sequence of ~~the extracellular domain of the polypeptide~~ amino acids 23-223 of SEQ ID NO:46;

(d) the amino acid sequence of ~~the extracellular domain of the polypeptide~~ amino acids 23-223 of SEQ ID NO:46, including its associated signal peptide; or

(e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209956;

wherein said isolated polypeptide or a fragment thereof can be used to generate an antibody which can be used to specifically detect the polypeptide of SEQ ID NO:46 in esophageal or kidney tissue samples.

15. (Currently Amended) The isolated polypeptide of Claim 14 having at least 99% amino acid sequence identity to:

(a) the amino acid sequence of the polypeptide of SEQ ID NO:46;

(b) the amino acid sequence of the polypeptide of SEQ ID NO:46, lacking its associated signal peptide;

(c) the amino acid sequence of ~~the extracellular domain of the polypeptide~~ amino acids 23-223 of SEQ ID NO:46;

(d) the amino acid sequence of ~~the extracellular domain of the polypeptide~~ amino acids 23-223 of SEQ ID NO:46, including its associated signal peptide; or

(e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209956;

wherein said isolated polypeptide or a fragment thereof can be used to generate an antibody which can be used to specifically detect the polypeptide of SEQ ID NO:46 in esophageal or kidney tissue samples.

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16. (Previously Presented) A chimeric polypeptide comprising a polypeptide according to Claim 14 fused to a heterologous polypeptide.

17. (Previously Presented) The chimeric polypeptide of Claim 16, wherein said heterologous polypeptide is a tag polypeptide or an Fc region of an immunoglobulin.